



Compressor Checklist

Updated Mar 2025

ADMINISTRATION

1. (CP01) Does each compressor have a logbook recording the minimum required information (start/stop, date/time, corrective or preventive maintenance accomplished, component being charged and pressures out of parameters)?

References: NAVSEA 00C Authorized for Navy Use (ANU)
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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2. (CP02) Are air samples analyzed within periodicity and do they meet air purity requirements?

References: U.S. Navy Diving Manual
Applicable PMS

C R NA UA

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☐ Significant
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3. (CP03) Have filter housings been tested and tagged as required?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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4. (CP04) Have moisture separators been inspected and tagged as required?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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5. (CP05) Are breathing air filter towers maintained in a pressurized condition?

References: Manufacturer's Tech Manual
Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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6. (CP06) Has the compressor efficiency test been completed within periodicity and are the results on file?

References: U.S. Navy Diving manual
Applicable PMS

C R NA UA

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☐ Significant
☐ PMS
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7. (CP07) Are all critical gauges calibrated as required and results on file?

Reference: Applicable PMS

C R NA UA

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☐ Significant
☐ PMS
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8. (CP08) Have final stage compressor relief valves been tested during the last 36 months, tagged, and are the results on file?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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COMPONENTS

9. (CP09) Are safety precautions for compressors posted in clear view of all operators?

References: OPNAVINST 5100.19F
OPNAVINST 5100.23H

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10. (CP10) Are Operating Procedures (OPs) for the compressors, including pre-checks, monitoring and shut down procedures, available to system operators?

References: NAVSEA 00C Authorized for Navy Use (ANU)
Manufacturer's Tech Manual

C R NA UA

- ☐ Repeat
☐ Significant
☐ PMS
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11. (CP11) Is an Operating Procedure (OP) placard posted on the compressor listing the oil and stage pressure parameters?

References: NAVSEA 00C Authorized for Navy Use (ANU)
Manufacturer's Tech Manual

C R NA UA

- ☐ Repeat
☐ Significant
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12. (CP12) Is the correct type of compressor oil being used? (1) 2190 TEP for normal operation or 2135 TH for cold weather (2) synthetic based oil that is manufacturer recommended. If not does the command have a waiver from NAVSEA?

References: U.S. Navy Diving Manual
Applicable PMS

C R NA UA

- ☐ Repeat
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13. (CP13) Are interstage cooling tubing and crankcase fins clean and in good condition?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

14. (CP14) Are pulley / fan guards installed on the air compressor(s)?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

15. (CP15) Is the compressor intake located so that there is no danger of taking in exhaust fumes from the engine, stack gas or other contaminated air from local sources?

Reference: U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

16. (CP16) Are carbon monoxide / moisture indicators inspected prior to use and within specifications?

References: Manufacturer's Tech Manual
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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17. (CP17) Have charging whips been cleaned, tested and tagged per PMS and is required OQE on file?

Reference: Applicable PMS

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

18. (CP18) Are charging whips outfitted with a properly configured strain relief?

References: U.S. Navy Diving Manual
System Drawings
U.S. Navy General Specification for Diving and Manned Hyperbaric
Systems

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

19. (CP19) Are all system ports, hoses and other openings adequately protected from contamination?

References: MIL-STD-1330
MIL-STD-1622
System Drawings
Manufacturer's Tech Manual

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

20. (CP20) Is the compressor clean and free of dirt, oily residue, debris, corrosion or deterioration?

References: Manufacturer's Tech Manual
Applicable PMS

C R NA UA

- ☐ Repeat
 - ☐ Significant
 - ☐ PMS
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21. (CP21) Does the compressor have any loose or broken components such as hinges, latches, fasteners, zip ties, gauges and brackets?

References: Manufacturer's Tech Manual
Applicable PMS

C R NA UA

☐ Repeat
☐ Significant
☐ PMS

22. (CP22) Does the compressor have any fluid leaks?

References: Manufacturer's Tech Manual
Applicable PMS

C R NA UA

☐ Repeat
☐ Significant
☐ PMS

MAINTENANCE

23. (CP23) Is the command tracking and in compliance with all active AIGs pertaining to compressors in use?

Reference: NAVSEA 00C Guidance

C R NA UA

☐ Repeat
☐ Significant
☐ PMS

24. (CP24) Is any equipment that is out of commission, out of maintenance periodicity, or otherwise unsafe, tagged out to prevent use?

References: OPNAVINST 5100.23H
OPNAV M-5100.23
S 0400-AD-URM-010/TUM
OPNAVINST 3150.27D

C R NA UA

☐ Repeat
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25. (CP25) Is a Preventive Maintenance System (PMS) program implemented for all diving and diving support equipment? If not, has a feedback report been submitted for all equipment not covered?

References: OPNAVINST 3120.32D
NAVSEAINST 4790.8D
U.S. Navy Diving Manual

C R NA UA

- ☐ Repeat
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26. (CP26) Is maintenance correctly anchored for periodicity in SKED or tracked on a separate document (I.E. excel spread sheet, status board)?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
- ☐ Significant
- ☐ PMS

27. (CP27) Is diving equipment serialized for tracking in SKED? Is the equipment appropriately listed in SKED on single line items?

Reference: NAVSEAINST 4790.8D

C R NA UA

- ☐ Repeat
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- ☐ PMS

28. (CP28) Does the work center complete and track all maintenance required for the type and configuration of compressor(s) utilized?

References: NAVSEAINST 4790.8D
OPNAVINST 4790.4F
Applicable PMS

C R NA UA

- ☐ Repeat
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- ☐ PMS

29. (CP29) Are applicable PMS situational requirements being accomplished on compressors and documented in SKED?

References: NAVSEAINST 4790.8D

Applicable PMS

C R NA UA

☐ Repeat

☐ Significant

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COMPRESSOR

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE: